

Application No. 10/779,835
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AMENDMENTS TO THE CLAIMS

Below is a list of the claims of the present application in their present form, along with the current status.

Claims 1-11 (Cancelled).

12. (Currently Amended) A multiple blade razor cartridge comprising:
a plurality of razor blades;
a plurality of support members, each of said support members having a plurality of
blade seats spaced apart from one another along a length of said support member;
wherein each of said blade seats of each of said support members is separated from a
next successive blade seat of said support member by a flexible hinge;
a plurality of retaining members connecting said support members such that said
support members are spaced apart from each other and arranged so that each of said blade
seats is approximately aligned with a corresponding blade seat defined by a next successive
support member thereby forming a plurality of rows of approximately aligned blade seats;
each of said plurality of razor blades being fixed to one of said rows of blade seats;
wherein said flexible hinges and thereby said support members are deformable in
response to an externally applied force such that a relative angle between successive razor
blades is variable; and
A multiple blade razor cartridge as defined in claim 1 wherein said rows of blade
seats are separated by said flexible hinges of non-uniform flexibility.

Claims 13-16 (Cancelled).

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17. (Currently Amended) A razor assembly comprising:
a handle;
a razor cartridge having a plurality of razor blades;
said razor cartridge having a plurality of support members, each of said support
members having a plurality of blade seats spaced apart from one another along a length of
said support member;
wherein each of said blade seats of each of said support members is separated from a
next successive blade seat of said support member by a flexible hinge;
a plurality of retaining members connecting said support members such that said
support members are spaced apart from each other and arranged so that each of said blade
seats is approximately aligned with a corresponding blade seat defined by a next successive
support member thereby forming a plurality of rows of approximately aligned blade seats;
each of said plurality of razor blades being each fixed to one of said rows of blade
seats; and
wherein said hinges and thereby said support members are deformable in response to
an externally applied force such that a relative angle between successive razor blades is
variable;
at least two arm members each having a first end pivotally coupled to said handle and
a second end pivotally coupled to said razor cartridge;
said second ends of said arm members coupled to said razor cartridge such that at
least one arm member is coupled to said razor cartridge forward of said razor blades and at
least one of said arm members is coupled to said cartridge aft of said razor blades;
wherein said razor cartridge being retained between said second ends of said at least
two arm members; and
A razor assembly as defined in claim 16 wherein said first ends of said at least two
arm members are pivotally coupled to said handle about a common axis.

Claim 18 (Cancelled).

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19. (Currently Amended) A razor assembly comprising:
a handle;
a razor cartridge having a plurality of razor blades;
said razor cartridge having a plurality of support members, each of said support
members having a plurality of blade seats spaced apart from one another along a length of
said support member;
wherein each of said blade seats of each of said support members is separated from a
next successive blade seat of said support member by a flexible hinge;
a plurality of retaining members connecting said support members such that said
support members are spaced apart from each other and arranged so that each of said blade
seats is approximately aligned with a corresponding blade seat defined by a next successive
support member thereby forming a plurality of rows of approximately aligned blade seats;
each of said plurality of razor blades being fixed to one of said rows of blade seats;
and
wherein said hinges and thereby said support members are deformable in response to
an externally applied force such that a relative angle between successive razor blades is
variable;
at least two arm members each having a first end pivotally coupled to said handle and
a second end pivotally coupled to said razor cartridge;
said second ends of said arm members coupled to said razor cartridge such that at
least one arm member is coupled to said razor cartridge forward of said razor blades and at
least one of said arm members is coupled to said cartridge aft of said razor blades;
wherein said razor cartridge being retained between said second ends of said at least
two arm members;
wherein a spring is coupled to said at least two arm members such that said second
ends of said arm members are biased toward one another applying a compressive force to
said razor cartridge retained therebetween; and
A razor assembly as defined in claim 18 wherein said spring deforms said hinges and
thereby said support members increasing the relative angle between successive razor blades
such that said plurality of razor blades provides an outwardly facing convex shaped cutting
surface.

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20. (Original) A razor assembly as defined in claim 19 wherein said outwardly facing convex shaped cutting surface is further deformable upon engagement with a surface being shaved during a shaving process.

21. (Original) A razor assembly as defined in claim 18 wherein said spring deforms said hinges and thereby said support members varying the relative angle between successive razor blades such that said plurality of razor blades provides an outwardly facing concave shaped cutting surface.

22. (Original) A razor assembly as defined in claim 21 wherein said outwardly facing concave shaped cutting surface is further deformable upon engagement with a surface being shaved during a shaving process.

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23. (Currently Amended) A razor assembly comprising:
a handle;
a razor cartridge having a plurality of razor blades;
said razor cartridge having a plurality of support members, each of said support
members having a plurality of blade seats spaced apart from one another along a length of
said support member;
wherein each of said blade seats of each of said support members is separated from a
next successive blade seat of said support member by a flexible hinge;
a plurality of retaining members connecting said support members such that said
support members are spaced apart from each other and arranged so that each of said blade
seats is approximately aligned with a corresponding blade seat defined by a next successive
support member thereby forming a plurality of rows of approximately aligned blade seats;
each of said plurality of razor blades being fixed to one of said rows of blade seats;
and
wherein said hinges and thereby said support members are deformable in response to
an externally applied force such that a relative angle between successive razor blades is
variable;
at least two arm members each having a first end pivotally coupled to said handle and
a second end pivotally coupled to said razor cartridge;
said second ends of said arm members coupled to said razor cartridge such that at
least one arm member is coupled to said razor cartridge forward of said razor blades and at
least one of said arm members is coupled to said cartridge aft of said razor blades;
wherein said razor cartridge being retained between said second ends of said at least
two arm members;
wherein a spring is coupled to said at least two arm members such that said second
ends of said arm members are biased toward one another applying a compressive force to
said razor cartridge retained therebetween; and
A razor assembly as defined in claim 16 further comprising a spring coupled to said at
least two arm members such that said second ends of said arm members are biased away from
one another such that said plurality of razor blades provides a normally planar cutting surface
and the relative angle between successive razor blades is uniform.

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24. (Original) A razor assembly as defined in claim 23 wherein said normally planar cutting surface is further deformable upon engagement with skin during a shaving process.

Claims 25-31 (Cancelled).